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Doxorubicin

Antineoplastic antibiotic obtained from *Streptomyces peucetici*. It is a hydroxy derivative DAUNORUBICIN and is used in treatment of both leukemia and solid tumors.

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- ☐ Main point of item
- ☐ Do not explode this term

With Subheadings:

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- | | |
|---|---|
| <input type="checkbox"/> administration & dosage | <input type="checkbox"/> economics |
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> history |
| <input type="checkbox"/> agonists | <input type="checkbox"/> immunology |
| <input type="checkbox"/> analogs & derivatives | <input type="checkbox"/> isolation & purification |
| <input type="checkbox"/> analysis | <input type="checkbox"/> metabolism |
| <input type="checkbox"/> antagonists & inhibitors | <input type="checkbox"/> pharmacokinetics |
| <input type="checkbox"/> biosynthesis | <input type="checkbox"/> pharmacology |
| <input type="checkbox"/> blood | <input type="checkbox"/> poisoning |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> radiation effects |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> standards |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> supply & distribution |
| <input type="checkbox"/> classification | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> contraindications | <input type="checkbox"/> toxicity |
| <input type="checkbox"/> diagnostic use | <input type="checkbox"/> urine |

MeSH Tree 1

- ▶ All MeSH Categories
 - ▶ Chemicals and Drugs (MeSH Category)
 - ▶ Carbohydrates and Hypoglycemic Agents
 - ▶ Carbohydrates
 - ▶ Glycosides
 - ▶ Aminoglycosides
 - ▶ Anthracyclines
 - ▶ Daunorubicin
 - ▶ Carubicin
 - ▼ Doxorubicin
 - ▶ Epirubicin
 - ▶ Idarubicin
 - ▶ Nogalamycin

MeSH Tree 2

- ▶ All MeSH Categories
 - ▶ Chemicals and Drugs (MeSH Category)
 - ▶ Polycyclic Hydrocarbons
 - ▶ Polycyclic Hydrocarbons, Aromatic
 - ▶ Naphthacenes
 - ▶ Anthracyclines
 - ▶ Daunorubicin
 - ▶ Carubicin
 - ▼ Doxorubicin
 - ▶ Epirubicin
 - ▶ Idarubicin
 - ▶ Nogalamycin

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Adria blastin
Adria bastin
Adria blastin
DOX-SL
Doxil

Anthracycline

golgi apparatus

DOX
DNR

=> d history

(FILE 'HOME' ENTERED AT 18:53:38 ON 23 OCT 2001)

FILE 'MEDLINE, BIOSIS, CANCERLIT' ENTERED AT 18:53:53 ON 23 OCT 2001

L1 10 S WTH3 OR (WTH-3)
L2 8 DUP REM L1 (2 DUPLICATES REMOVED)
L3 145161 S MDR OR (MULTIDRUG(W)RESIST?) OR (DRUG(W)RESIST?) OR
(INTRACEL
L4 7 S RAB6C OR (RAB6-C) OR (CRAB6) OR (6RABC) OR (RAB-6C) OR
(RAB-6
L5 4 DUP REM L4 (3 DUPLICATES REMOVED)
L6 52668 S TRANSPORTER
L7 108 S (HYPER-METHYL?) OR (HYPO-METHYL?)
L8 5556 S (HYPERMETHYL?) OR (HYPOMETHYL?)
L9 5623 S L7 OR L8
L10 1 S L9(S)L6
L11 128 S L9 AND L3
L12 95 S L11 AND PY<1999
L13 53 DUP REM L12 (42 DUPLICATES REMOVED)
L14 107161 S ADRIAMYCIN OR ADR OR DOXORUBICIN OR DAUNORUBICIN OR
ADRIABLAS
L15 36 S L14(S)((INTRACELLULAR OR (INTRA-CELLULAR))(W)TRANSPORT?)
L16 94846 S L14 AND PY<1999
L17 27 S L15 AND PY<1999
L18 12 DUP REM L17 (15 DUPLICATES REMOVED)
L19 6436 S DOX OR DNR
L20 3 S L19(S)((INTRACELLULAR OR (INTRA-CELLULAR))(W)TRANSPORT?)
L21 5435 S ((INTRACELLULAR OR (INTRA-CELLULAR))(W)TRANSPORT?)
L22 61168 S MICROTUB? OR (MICRO-TUBULAR) OR (MICROTUBULIN)
L23 61174 S MICROTUB? OR (MICRO-TUBULAR) OR (MICRO-TUBULIN)
L24 108838 S L14 OR L19
L25 296 S L24(S)L23
L26 232 S L25 AND PY<1999
L27 115 DUP REM L26 (117 DUPLICATES REMOVED)
L28 5780 S L23(S)(CLONE? OR GENE OR GENOMIC OR MRNA OR CDNA)
L29 2800 S L23(S)(SEQUENC?)
L30 7177 S L28 OR L29
L31 57 S L30(S)L24
L32 40 S L31 AND PY<1999
L33 21 DUP REM L32 (19 DUPLICATES REMOVED)

FILE 'SCISEARCH' ENTERED AT 21:10:23 ON 23 OCT 2001

L34 108 S GERVASONI?/RAU(S)51/RVL(S)4955/RPG
L35 86 S L34 AND PY<1999
L36 42 S L35 AND (CLONE? OR GENE OR GENOMIC OR MRNA OR CDNA OR SEQUEN
L37 4 S CALCABRINI?/RAU(S)72/RVL(S)61/RPG

FILE 'MEDLINE, BIOSIS, CANCERLIT' ENTERED AT 22:00:11 ON 23 OCT 2001

L38 1158 S L21(S)(CLONE? OR GENE OR GENOMIC OR MRNA OR CDNA OR
SEQUENC?)
L39 56 S L21(3A)(CLONE? OR GENE OR GENOMIC OR MRNA OR CDNA OR
SEQUENC?
L40 104 S L21(5A)(CLONE? OR GENE OR GENOMIC OR MRNA OR CDNA OR
SEQUENC?
L41 84 S L40 AND PY<1999
L42 53 DUP REM L41 (31 DUPLICATES REMOVED)
L43 29375 S DIFFERENTIAL?(W)(DISPLAY OR EXPRESS?)
L44 34 S L43(5A)(MCF7 OR (MCF-7))

| | |
|-----|--|
| L45 | 23 S L44 AND PY<1999 |
| L46 | 13 DUP REM L45 (10 DUPLICATES REMOVED) |
| L47 | 283 S 2Q31 |
| L48 | 0 S L47 AND (MCF7 OR (MCF-7)) |
| L49 | 196 S L47 AND PY<1999 |
| L50 | 2 S L49 AND L6 |
| L51 | 3 S L47 AND L3 |
| L52 | 0 S L47 AND L23 |
| L53 | 0 S L47 AND L14 |
| L54 | 65 S SPGP OR (S-PGP) |
| L55 | 0 S L54 AND (MCF7 OR (MCF-7)) |
| L56 | 27 S L54 AND L3 |
| L57 | 11 S L56 AND PY<1999 |
| L58 | 6 DUP REM L57 (5 DUPLICATES REMOVED) |

=> log h

also wt-h3